

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	298	(fluid near5 delivery) with needle with tube	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/30 13:40
L2	29	1 and "606".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/30 13:40
L3	1	("3840008").PN.	USPAT; USOCR	OR	OFF	2009/11/30 13:41
L4	9119	(tube or pipe or cannula or conduit) with within with needle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/30 13:52
L5	79	(tube or pipe or cannula or conduit) with within with needle with (fluid near5 delivery)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/30 13:55
L6	310467	("600" or "128" or "604" or "606" or "607").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/30 13:55
L7	55	5 and L6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/30 13:55
L8	128	(fluid near3 delivery near3 tube) with needle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/30 14:04

L9	98	8 and 6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/30 14:04
L10	0	(11/205760).APP.	USPAT; USOCR	OR	OFF	2009/11/30 14:55
L11	1	(11/205760).APP.	US-PGPUB	OR	OFF	2009/11/30 14:55
L12	2	((11/205784) or (11/205775)).APP.	US-PGPUB	OR	OFF	2009/11/30 14:56
L13	17	(fluid near3 delivery near3 tube) with needle with lumen	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/30 15:00
L14	12	13 and 6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/30 15:00
L15	120	(fluid near3 delivery near3 lumen) with needle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/30 15:32
L17	0	(catheter with (position \$4 or guid\$4)) with pull with wire with metal with ring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/30 16:20
L18	845	(catheter with (position \$4 or guid\$4)) with pull with wire	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/30 16:21
L19	2	18 same (metal with ring)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/30 16:21

L20	59543	(catheter with (position \$4 or guid\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/30 16:22
L21	199453	pull\$2 with (wire or cable or string)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/30 16:23
L22	206	20 same 21 same ring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/30 16:23
L23	60700	(catheter with (position \$4 or guid\$4 or steer \$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/30 16:25
L24	258	23 same 21 same ring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/30 16:25
L25	1	("6358247").PN.	USPAT; USOCR	OR	OFF	2009/11/30 16:30
L26	1	(08/816850).APP.	USPAT; USOCR	OR	OFF	2009/11/30 16:30
L27	3099	catheter with extrud\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/30 16:54
L28	1113	27 same lumen	US-PGPUB; USPAT	OR	ON	2009/11/30 17:04
L29	1181	27 same lumen	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/30 17:04

L30	304	29 and "606".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/30 17:05
L31	104	29 and (helical or helix) and needle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/30 17:05
L32	1	("7103418").PN.	USPAT; USOCR	OR	OFF	2009/11/30 17:09
S1	1	"10535527"	US-PGPUB; USPAT	OR	ON	2009/06/10 15:40
S2	27	"6358247"	US-PGPUB; USPAT	OR	ON	2009/06/10 16:36
S3	1	("6358247").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/10 16:36
S4	1	thagalingam-aravinda. in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/24 16:01
S5	14	kovoor-pramesh.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/24 16:02
S6	69	ross-david.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/24 16:03
S7	23	("4991578" "5259394" "5281218" "5447533" "5531780" "5807395" "5964754" "6102887" "6251121" "6346099" "6358247" "6432103").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/24 16:45
S8	1	("5964754").PN.	USPAT; USOCR	OR	OFF	2009/11/24 17:07

S9	76	("4217913" "4280512" "4917106").PN. OR ("5259394").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/24 17:20
S10	198	("20010031986" "20010044619" "20020010492" "20020022863" "20020026228" "20020058981" "20020183720" "20030069625" "20030093104" "20030109914" "20030113303" "20030125615" "20030129750" "20030163184" "20030171723" "20030195470" "20040122484" "20040186546" "20040213770" "20040214182" "20040215251" "20050267557" "20060030810" "3614955" "3804098" "3866615" "3911928" "3949757" "4026303" "4030508" "4057067" "4106512" "4136703" "4154247" "4217913" "4258725" "4282885" "4289144" "4311153" "4332259" "4393883" "4402329" "4437474" "4458677" "4458695" "4463765" "4469104" "4497326" "4540236" "4549548" "4559951" "4567901" "4570642" "4577643" "4602645" "4603705" "4624265" "4624266" "4627439" "4633880" "4643201" "4646755" "4649937" "4649938" "4664113" "4667686" "4721115"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/24 18:54

"4784161"	
"4799486"	"4799493"
"4819647"	
"4819661"	"4819662"
"4876109"	
"4886074"	"4922607"
"4922927"	
"4924881"	"4953564"
"4967766"	
"4972848"	"4994078"
"5002067"	
"5007864"	"5016646"
"5050001"	
"5056516"	"5063932"
"5076285"	
"5083564"	"5092879"
"5129404"	
"5144960"	"5152299"
"5174289"	
"5179962"	"5181511"
"5223226"	
"5242430"	"5255693"
"5259394"	
"5259395"	"5275620"
"5282845"	
"5300108"	"5304219"
"5306292"	
"5320642"	"5324327"
"5336252"	
"5342414"	"5344439"
"5358516"	
"5366496"	"5374286"
"5393929"	
"5405373")	.PN. OR
("5411544"	
"5425755"	"5433735"
"5439391"	
"5447533"	"5447534"
"5456706"	
"5456708"	"5466253"
"5476497"	
"5476499"	"5476501"
"5476502"	
"5492119"	"5500008"
"5514172"	
"5515848"	"5522874"
"5524338"	
"5527344"	"5531780"
"5545201"	
"5554178"	"5571163"
"5578068"	
"5593433"	"5628778"
"5628779"	
"5634829"	"5634899"
"5674272"	
"5674274"	"5709753"

		"5716390" "5720099" "5755766" "5769881" "5772693" "5782898" "5851227" "5871529" "5871531" "5876431" "5916214" "5925045" "5935159" "5944710" "5964795" "5972416" "6007476" "6024739" "6059726" "6086582" "6096069" "6123084" "6141594" "6165164" "6236887" "6254573" "6309370" "6345204" "6358247" "6363286" "6416510" "6463334" "6505082" "6540725" "6547787" "6560489" "6575931" "6623473" "6623474" "6702744" "6702777" "6810286" "6855124" "6905476" "6909920" "6915169" "6931286").PN. OR ("7245973").URPN.				
S11	96	(606/44).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/25 08:06
S12	1211	(606/45).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/25 08:31
S13	1683	606/46	US-PGPUB; USPAT	OR	ON	2009/11/25 08:55
S14	1683	606/46	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/25 08:55

S15	13944	(helical or helix) with (fasten\$4 or fixat\$7 or affix\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/25 10:03
S16	652659	needle or syringe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/25 10:06
S17	6091179	shaft or tube or catheter or elongate or tubular	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/25 10:07
S18	160	S15 same S16 same S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/25 10:08
S19	310260	("600" or "128" or "604" or "606" or "607").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/25 10:08
S20	79	S18 and S19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/25 10:08
S21	57	("4003379" "4146029" "4181123" "4319562" "4884567" "4946457" "4991578" "4991603" "4998975" "5002067" "5033477" "5269326" "5324325" "5356427" "5385148" "5387419" "5405376" "5423749" "5423769" "5431649" "5447533" "5527344" "5531780" "5540841" "5551427" "5609151" "5609571"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/25 10:36

		"5634895" "5643191" "5702358" "6060454").PN. OR ("6296630").URPN.				
S22	84	("4003379" "4146029" "4181123" "4296100" "4319562" "4360031" "4577642" "4606118" "4711251" "4797285" "4819661" "4819662" "4844099" "4884567" "4892538" "4900303" "4922926" "4936317" "4946457" "4953564" "4972848" "4991578" "4991603" "4998975" "5002067" "5016640" "5030204" "5033477" "5086787" "5176907" "5190761" "5220917" "5236424" "5244460" "5255693" "5269326" "5283187" "5322064" "5324325" "5344439" "5374286" "5385148" "5387419" "5405376" "5429131" "5431649" "5447533" "5496360" "5527344" "5531780" "5551427" "5609151" "5626862" "5634895" "5651986" "5661133" "5662689" "5681278" "5690682" "5693622" "5698531" "5704910" "5722400" "5773019" "5782828" "5785706" "5797870" "5807395" "5810836" "5829447" "5833715" "5840059" "5945100" "5951585" "6086583" "6102887" "6258119").PN. OR	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/25 10:39

		("6478776").URPN.				
S23	2	((("6296630") or ("6478776")).PN.	USPAT; USOCR	OR	OFF	2009/11/25 10:41
S24	1	("4991578").PN.	USPAT; USOCR	OR	OFF	2009/11/25 11:25
S25	1	("5551427").PN.	USPAT; USOCR	OR	OFF	2009/11/25 12:01
S26	0	(08/881684).APP.	US-PGPUB	OR	OFF	2009/11/25 12:01
S27	0	"08881684"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/25 12:01
S28	2	"08/881684"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/25 12:01
S29	17	"08/881685"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/25 12:02
S30	1	("6296630").PN.	USPAT; USOCR	OR	OFF	2009/11/25 12:20
S31	13944	(helical or helix) with (fasten\$4 or fixat\$7 or affix\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/25 14:10
S32	28	S31 with shape with memory	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/25 14:10
S33	1	S32 with (retract\$4 or extend\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/25 14:29

S34	5	"20020161423" or "5259394".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/25 14:30
S35	13954	(helical or helix) with (fasten\$4 or fixat\$7 or affix\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/29 15:02
S36	26	S35 same (needle or (sharp near4 tip)) same (temperature or thermistor or thermister)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/29 15:02
S37	3	((("5259394") or ("6296630") or ("6478776")).PN.	USPAT; USOCR	OR	OFF	2009/11/29 15:03
S38	2	S37 and (sensor or temperature or thermistor or thermister)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/29 15:04
S39	2	S37 and (sensor or sensing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/29 15:05
S40	79871	(needle or (sharp near4 tip)) same (sensor or sensing or temperature or thermistor or thermister)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/29 15:07
S41	1990	S40 and "606".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/29 15:08
S42	40	S41 and S35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/29 15:08

S43	21380	(needle or (sharp near4 tip)) same (sensor or sensing or thermistor or thermister)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/29 15:09
S44	1036	S43 and "606".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/29 15:09
S45	23	S44 and S35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/29 15:09
S46	455687	(temperature near4 sensor) or thermistor or thermister or thermocouple	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/29 15:13
S47	1426	S46 with (needle or (sharp\$4 near3 tip))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/29 15:15
S48	228	S47 and "606".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/29 15:15
S49	30	S47 same (helical or helix)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/29 15:15
S50	19	S49 and "606".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/29 15:15
S51	1	("5431649").PN.	USPAT; USOCR	OR	OFF	2009/11/29 15:17

S52	164	S47 and 606/32-52. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/29 15:19
S53	25	S46 with (needle or (sharp\$4 near3 tip)) with depth	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/29 15:19
S54	6	S53 and "606".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/29 15:20
S55	1	("5002067").PN.	USPAT; USOCR	OR	OFF	2009/11/29 15:46
S56	1	("5531780").PN.	USPAT; USOCR	OR	OFF	2009/11/29 15:46
S57	1	("5964754").PN.	USPAT; USOCR	OR	OFF	2009/11/29 16:01
S58	77400	needle with (fluid or gas or liquid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/29 16:46
S59	207743	(electrode or conduct \$4) with (ring or annular)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/29 16:47
S60	433	S58 same S59	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/29 16:47
S61	34	S60 and "606".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/29 16:47

S62	1360	(electrode or conduct \$4) with (ring or annular) with needle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/29 16:52
S63	286	S62 and "606".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/29 16:53
S64	104	S63 and (helical or helix)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/29 16:53
S65	221	S62 and (helical or helix)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/29 16:53
S66	97	S65 and 606/32-52. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/29 16:53
S67	251	S62 and 606/32-52. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/29 17:13
S68	109	S67 and ultrasound	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/29 18:01
S69	3196	needle with ultrasound	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/29 18:02

S70	167	needle with ultrasound with sens\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/29 18:02
S71	8	S70 and 606/32-52. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/29 18:02
S72	1	("6296630").PN.	USPAT; USOCR	OR	OFF	2009/11/30 10:46
S73	31	("4003379" "4146029" "4181123" "4319562" "4884567" "4946457" "4991578" "4991603" "4998975" "5002067" "5033477" "5269326" "5324325" "5356427" "5385148" "5387419" "5405376" "5423749" "5423769" "5431649" "5447533" "5527344" "5531780" "5540841" "5551427" "5609151" "5609571" "5634895" "5643191" "5702358" "6060454").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/30 10:47
S74	1150	altman.in.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/30 10:53
S75	103	S74 and cardiac	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/30 11:07
S76	26	("6296630").URPN.	USPAT	OR	ON	2009/11/30 11:08
S77	1	("7103418").PN.	USPAT; USOCR	OR	OFF	2009/11/30 11:11

S78	39	("20020016622" "20020077685" "20030093104" "20030191449" "3737539" "4106512" "4360031" "4506680" "4606118" "4774951" "5002067" "5143090" "5246014" "5353800" "5396902" "5431649" "5447533" "5496360" "5507743" "5807249" "5827216" "5837006" "5851506" "5906613" "5987746" "6010526" "6052625" "6102887" "6192280" "6346099" "6358247" "6366819" "6416510" "6547787" "6684109" "6716196" "6726662" "6931286").PN. OR ("7103418").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/30 11:12
S79	108	S74 and (helical or helix)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/30 11:19

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